quirements								
of the NESHAP for the Pulp and Paper Production Source C	Category P	roce	ess					
erations	(4)	_	(D)	(0)	(D)	(F)	(F)	
# pulping lines	(A)		(B)	(C)	(D)	(E)	(F)	
# bleaching lines # mills total	Number of		EPA Hours	Tech Hours	Management Hours	Clerical Hours	EPA Cost	+
# mins total	Respondent s	1	nours	nouis	nours	nouis	Cost	
# mills with bleaching lines	Per Year	(a)	Per	Per Year	Per Year	Per Year	Per Year	+
in in the creating into	T CT T CHI	T	Respondent		@ \$51.95	@ \$20.85	101 1011	
Burden Item		T			(D=Cx0.05)	(E=Cx0.1)		+
Applications		T		(0 11.11)	(= 0.101.00)	(= 0.10.17)		_
Surveys and Studies		T						
Reporting Requirements		T						
A. Read and Understand Rule Requirements	1	1 b	40	40	2	4	\$1,310	
B. Required Activities								
Initial performance tests:								
1.1) Pulping processes (Non-Sulfite) - Choice of:								
 a) Review Documentation that vent streams are introduced to 		5 bc	8	40	2	4	\$1,310	
the flame zone of a boiler, lime kiln, or recovery furnace, or		Щ.						
b) Review documentation that the control incinerator is	1	l bd	8	8	0	1	\$262	
operating		₩						++
at a level of at least 1600 F and 0.75 sec residence time, or							0010	++
c) Review performance test of control device		l bd		8	0	1	\$262	++
1.2) Pulping Processes (Sulfite)	1	l be	8	8	0	1	\$262	++
-Revew performance test of control device		+						+
2.1) Bleaching process vent scrubber (MACT I Mills) - Choice of		1						
a) Review documentation of scrubber operating parameters		4 bg	0	32	2	2	\$1,048	+
b) Review performance test of control device		bf bf		32	0	3	\$1,048	+
2.2) Bleaching process vent scrubber (MACT III Mills) - Choice		- 01	C	0	0	U	30	+
a) Review documentation of scrubber operating parameters		0 bg	8	0	0	n	\$0	+
b) Review performance test of control device		0 bf		0		0	\$52	+
3.1) Pulping wastewater treatment system (Non-Sulfite) - Choice		- 51		0	1	0	Ψ32	+
a) Review performance test of condensate segregation and		4 bg	8	32	2	3	\$1,048	+
control device, or		1			_		, - 10	
b) Review performance test of biotreatment unit	40	0 bg	8	320	16	32	\$10,484	
3.2) Pulping wastewater treatment (Sulfite)		Г					, , , ,	
-Review performance test of control device	1	1 bgh	1 8	8	0	1	\$262	
Review repeat performance tests		Т						
1) test method 308 - pulping	(0 bi	4	. 0	0	0	\$0	
2) test method 26A - bleaching	(0 bi	4	. 0	1	1	\$73	
 test method 305 - kraft pulping wastewater 	1	l bi	4	. 4	0	0	\$131	
 test method 304 - kraft pulping wastewater 	(0 bi	4	. 0	0	0	\$0	
5) test method 305 - sulfite pulping wastewater	() bi	4	. 0	1	0	\$52	
Initial/Annual inspection (enclosures, closed vent,	103	3 j	0	0	0	0	\$0	
wastewater conveyance system)- test method 21		╄						
Monthly visual inspection of enclosures, closed	155	5 k	0	0	0	0	\$0	
vent system, and wastewater conveyance system.		+						+ +
		+-						
		+						
		+						+ +
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		+						+
le 1 (continued). Annual Agency Burden and Cost of Recordkeep	ing and Reno	ortin	ıσ					_
nuirements			C					
of the NESHAP for the Pulp and Paper Production	on Source Ca	itegr	ory Process	Operations	S			
# pulping lines	(A)	T	(B)	(C)	(D)	(E)	(F)	
# bleaching lines	Number of		EPA		Management		EPA	
# mills total	Respondent	i	Hours	Hours	Hours	Hours	Cost	
	s	L						
# mills with bleaching lines	Per Year	(a)	Per	Per Year	Per Year	Per Year	Per Year	
		1	Respondent		@ \$51.95	@ \$20.85		
Burden Item		1	(r)	(C=AxB)	(D=Cx0.05)	(E=Cx0.1)	(s)	
		4						\bot
C. Create Information		4						+
D. Gather Information		+						+
E. Report Preparation		 -		_	-	_		+
Review Initial Notification Report		0 bk		0	0	0	\$0	++
Review Notification of compliance status) bk		0	0		\$0	+
Review initial compliance strategy report) bl		124		Ö	\$1,063	+
Review compliance strategy report update		1 1		124	6 16		\$4,063 \$10,615	+
Review Semi-annual summary report Review Continuous monitoring/Exceedance reports		2 k 4 m		324 192			\$10,615 \$6,290	+
Review Continuous monitoring/Exceedance reports Review Notification of performance test		4 m 8 bn		224	10		\$6,290 \$7,339	+
Review Notification of performance test Review Notification of construction/reconstruction		3 bo		92	5		\$7,339	+
Review Notification of construction/reconstruction Review Notification of anticipated startup		3 bo		92			\$3,014 \$2,656	+
Review Notification of anticipated startup Review Notification of actual startup		3 bo		92	1	1	\$2,656	+
Recordkeeping Requirements	23	700	4	92	1	1	\$2,030	+
A. Read Instructions		+						+
		+						+
IB Pran Activities			1					+
B. Plan Activities C. Implement Activities								
C. Implement Activities	() bk	0	0	0	n	\$0	+ +
	(bk	C	0	0	0	\$0	+

\neg													
+		Records of periodic inspections (monthly visual inspections and annual method 21)											
+			16	62 c	0	0	0		s	0			
F		Record startups, shutdowns, and malfunctions ersonnel Training	10	-2 C		1	0	,	1 3	9	+		
		me for audits		+-									
		tgation		+-		4160	208	416	\$136,29	2			
п.	LI			p	194		78						
+	╫	Total:			194	1640	/8	149	\$189,48	3			
	+			+-									-
	+	TOTAL PEDERAL GOVERNMENT RUBBEN		-							-		
		TOTAL FEDERAL GOVERNMENT BURDEN											
	_	SUMMARY:											
		Total Hou											
		Total Co	st: \$189,48	3									
		Average Annual Hou	rs: 62	2									
		Average Annual Co	st: \$63,16	1									
	T												
	T												
-	+												
	+												
-	+			+									
	+			+									
+	+		+	+-					 	-	-		
+	+		1	1					1	-			
	↓												
									1				
Values	ar	e rounded to simplify calculations.											
$\Box \Box$	╧			\perp									
One-ti	ime	activity. In out years, after initial compliance date, assum	e that 5% of n	nills a	affected as a	result of un	explained exc	eedances.					
	T												
Estima	ate	that 66.7% of mills will use a recovery boiler, power boiler	or lime kiln f	or pu	lping lines.	There are 1	41 non-sulfite	pulping mill	s. (66.7% of 1	41 = 94)	1		
	Ť			1	, ,					7 .)			
Fetim	ato	d that 33.3% of mills will use incineration for pulping lines (16.7% will	wide	accenathla 4	esian enace	(24) and 16	7% will com	luct performan	ce tests	+		†
	att	a ana. 55.570 or mins win use incineration for purping lines (/o wiii pro	vide	ассерание а	caign specs	, (247), and 10.	, /o will COIIC	act benoming	ice tests			
4))	1		1	-			1		1	1	-		-
		the second secon	1		1 7	14. 400			1	1	_		
Assun	ne 1	that 5% of the 14 sulfite pulping mills will conduct performa	nce tests (14	x .05	= ./ (rounde	ed to 1)).				-			
	L												
87 MA	AC7	ΓI category mills have bleaching lines. 90% will provide acc	eptable perfor	manc	ce specs (78),	10% will c	onduct perfor	mance tests					
)													
Assum	ne 2	percent of stand-alone MACT III category mills have bleac	hing lines (2%	of 3	338=7). 90%	will provid	e performance	specs of pro	evious test				
						•	•						
suns (C		conduct performance tests (1).											
sults (6				_									
	/111 (conduct performance tests (1):											
10% w			rice. Of the 1	22 km	oft mille 22 o	lroody hov	a stoom strinn	ore in uco					
10% w Estima	ate	d that each kraft mill has one pulping wastewater control de							tual and £1 mi	II in atall .	otoom		
10% w Estima	ate								trol, and 51 w	ll install s	steam		
10% w Estima	ate	d that each kraft mill has one pulping wastewater control de							trol, and 51 w	ll install :	steam		
Estima and of	ate	that each kraft mill has one pulping wastewater control de 32, 16 assumed to test, 16 assumed to provide performance	specs. Of th	e 91	mills without	control, 40) will use biotr		trol, and 51 w	ill install s	steam		
Estima and of	ate	d that each kraft mill has one pulping wastewater control de	specs. Of th	e 91	mills without	control, 40) will use biotr		trol, and 51 w	ill install	steam		
Estima and of rippers Facilitie	the	d that each kraft mill has one pulping wastewater control dee 32, 16 assumed to test, 16 assumed to provide performance installing new biotreatment control or new steam strippers a	e specs. Of the	e 91	orm initial pe	control, 40) will use biotr		trol, and 51 w	ill install	steam		
Estima and of rippers Facilitie	the	that each kraft mill has one pulping wastewater control de 32, 16 assumed to test, 16 assumed to provide performance	e specs. Of the	e 91	orm initial pe	control, 40) will use biotr		trol, and 51 w	ill install	steam		
Estima and of rippers Facilitie	the	d that each kraft mill has one pulping wastewater control dee 32, 16 assumed to test, 16 assumed to provide performance installing new biotreatment control or new steam strippers a	e specs. Of the	e 91	orm initial pe	control, 40) will use biotr		trol, and 51 w	ill install s	steam		
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Estima and of rippers Facilitie Estima 40)	ater the s. ies	I that each kraft mill has one pulping wastewater control de 32, 16 assumed to test, 16 assumed to provide performance installing new biotreatment control or new steam strippers a 1 d that each kraft mill has one pulping wastewater control de that 15% of performance tests are failed and need to be repulation.	e specs. Of the re assumed to vice. Assume eated.	perfe	mills without orm initial pe will use bio	rformance otreatment.	o will use biotr tests. (33% of 123	reatment con					
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Estima and of rippers Facilitie Estima 40) Estima 440) Estima 57 Facilitie Estima 440) Perfor	ater the	I that each kraft mill has one pulping wastewater control de 32, 16 assumed to test, 16 assumed to provide performance installing new biotreatment control or new steam strippers a defended by the description of the descrip	e specs. Of the re assumed to rice. Assume eated. In the react of the	perfed d 33%	mills without	rformance btreatment. Assumed	0 will use biotr tests. (33% of 123 if 2/3 of all MA	ACT I mills h	lave positive p			neir vent sys	tems(2/3
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	Burden Item	hours)	Per Year	Occurrence	Per Year (C=AxB)		@\$55.34 (CxD)	@\$78.54 (Ex0.05)	(Ex0.1)		
1. A	pplications	Not app					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				
	rveys and Studies	Not ap									
	porting Requirements	Hot up	леаок								
	Read and Understand Rule Requirements (MACT I Mills) (b) 40	1	\$0	40	8 cc	1 320	16	5 32	\$20,106	
	Read and Understand Rule Requirements (MACT III Mills) (B	20		\$0				10) 32	\$20,100	
ь	(b)	20	1	90	20	, , ,		1 '	1 9	30	1
D	Required Activities										
ь	1.1) Pulping processes (Non-Sulfite)										
	a) Provide documentation that vent streams are introduced	24		\$0	24	5 ce	120		5 12	\$7,420	
	a) Provide documentation that vent streams are introduced	24	'	30	24	3 00	120	,) 12	\$7,420	1
	de flance and for heller lines hills and account for more										
	the flame zone of a boiler, lime kiln, or recovery furnace	, or 60		\$0	60	1	f 60	,	,	\$3,770	
	b) Provide documentation that the control incinerator is operating	00	1 '	30	00	1 c	00	1	9	\$3,770	1
	at a minimum level of 1600 F and 0.75 sec residence tin	1e, or 24		¢12.000	2.4	1 .6	g 24		2	¢12.500	
	c) Performance test of control device - test method 308	24		\$12,000 \$12,000	24				2	\$13,508	
	1.2) Pulping Processes (Sulfite) Performance test of control device - test method 308			\$12,000	24	1 cg	31 24	'	. 2	\$13,508	
	2.1) Bleaching process vent scrubber (MACT I Mills) - Choi	of									
		60		\$0	60) 4 c	i 240	12	2 24	¢15 070	
	a) Provide documentation of scrubber operating	00	'	\$0	60	, 4 c	1 240	12	2 24	\$15,079	
	parameters										
	or previous performance tests results, or	-		do 500	2.0		. ,			0.0	
	b) Performance test of scrubber or control device	24		\$8,500	24	0 cg	j (, (, 0	\$0	
\dashv	- test method 26A										
\dashv	2.2) Bleaching process vent scrubber (MACT III Mills) - Che										
	a) Provide documentation of scrubber operating	60	1	\$0	60	0 c	((0	\$0	1
$\sqcup \bot$	parameters,					\vdash					
_	or previous performance test results, or	-		A0 #C-							
	b) Performance test of scrubber or control device	24	1	\$8,500	24	0 cg	g ((, 0	\$0	
$\vdash \vdash$	- test method 26A		-				1				
	3.1) Pulping wastewater treatment (Non-Sulfite)	-		#110						Φ-20 O	
	a) Performance test of condensate segregation and	24	1	\$14,000	24	4ch	k 96	5	5 10	\$62,032	
$\vdash \vdash$	control device (test method 305), or			Ac			1			AAC -	
$\sqcup \!\!\! \perp$	b) Performance test of biotreatment unit - test method 304	24	1	\$9,500	24	2 ch	ıl 48	1 2	2 5	\$22,016	
_	3.2) Pulping wastewater treatment (Sulfite)										
	Performance test of control device - test method 305	24	1	\$14,000	24			1	2	\$15,508	i
						n	1				
	Repeat of performance test										
	1) test method 308 - pulping	24		\$12,000				1) 0	\$0	
	2) test method 26A - bleaching	24		\$8,500				1) 0	\$0	
	3) test method 305 - kraft pulping ww	24		\$14,000					1 2	\$15,508	
	4) test method 304 - kraft pulping ww	24		\$9,500	24			1) 0	\$0	
	5) test method 305 - sulfite pulping ww	24		\$14,000	24	0ch	n () () 0	\$0	
	2 (continued). Annual Respondent Burden and Cost of Re				24	Och	n () (0	\$0	
	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Pro	ecordkeeping a	nd Reporting		rations) 0		
	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof	ecordkeeping a	nd Reporting Category (B)	Process Oper	rations (C)	(D)	(E)	(F)	(G)	(H)	
	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Pro	ecordkeeping a	nd Reporting	Process Oper	rations		(E)	(F) Managemen			
	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Production # pulping lines # bleaching lines	ccordkeeping a duction Source (A) Hours Per	nd Reporting Category (B) Number of	Process Oper Emissions	rations (C) Hours	(D) Number of	(E) Technical	(F) Managemen t	Clerical	(H) Total	
	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof # pulping lines # bleaching lines # mills total	duction Source (A) Hours Per Occurrence	nd Reporting Category (B) Number of	Process Oper Emissions Testing Cost	rations (C) Hours	(D) Number of Respondents	(E) Technical Hours	(F) Managemen t Hours	Clerical Hours	(H) Total Cost	
	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Production # pulping lines # bleaching lines	duction Source (A) Hours Per Occurrence (Technical	nd Reporting Category (B) Number of Occurrences	Process Oper Emissions Testing Cost Per	ations (C) Hours Per Respondent	(D) Number of Respondents	(E) Technical Hours) Per Year	(F) Managemen t Hours Per Year	Hours Per Year	(H) Total	
	# mills total # mills with bleaching lines	duction Source (A) Hours Per Occurrence	nd Reporting Category (B) Number of Occurrences Per Respondent	Process Oper Emissions Testing Cost	ations (C) Hours Per Respondent Per Year	(D) Number of Respondents	(E) Technical Hours Per Year @\$55.34	(F) Managemen t Hours Per Year @\$78.54	Hours Per Year @\$35.64	(H) Total Cost	
	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item	cordkeeping a fluction Source (A) Hours Per Occurrence (Technical hours)	nd Reporting Category (B) Number of Occurrences Per Respondent Per Year	Process Oper Emissions Testing Cost Per Occurrence	rations (C) Hours Per Respondent Per Year (C=AxB)	(D) Number of Respondents Per Year (a	(E) Technical Hours Per Year @\$55.34 (CxD)	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05)	Hours Per Year @\$35.64 (Ex0.1)	(H) Total Cost Per Year	
	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent,	duction Source (A) Hours Per Occurrence (Technical	nd Reporting Category (B) Number of Occurrences Per Respondent Per Year	Process Oper Emissions Testing Cost Per	rations (C) Hours Per Respondent Per Year (C=AxB)	(D) Number of Respondents Per Year (a	(E) Technical Hours Per Year @\$55.34 (CxD)	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05)	Hours Per Year @\$35.64 (Ex0.1)	(H) Total Cost Per Year	
	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Pro- # pulping lines # bleaching lines # mills total # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21	cordkeeping a fluction Source (A) Hours Per Occurrence (Technical hours)	nd Reporting Category (B) Number of Occurrences Per Respondent Per Year	Process Oper Emissions Testing Cost Per Occurrence	ations (C) Hours Per Respondent Per Year (C=AxB)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year @\$55.34 (CxD)	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05)	Hours Per Year @\$35.64 (Ex0.1) 82	(H) Total Cost Per Year	
	# mills total # mills with bleaching lines Burden Item Initial/Annual inspection of enclosures, closed Manual Respondent Burden and Cost of References of the NESHAP for the Pulp and Paper Profession # pulping lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed	cordkeeping a fluction Source (A) Hours Per Occurrence (Technical hours)	nd Reporting Category (B) Number of Occurrences Per Respondent Per Year	Process Oper Emissions Testing Cost Per Occurrence	ations (C) Hours Per Respondent Per Year (C=AxB)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year @\$55.34 (CxD)	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05)	Hours Per Year @\$35.64 (Ex0.1) 82	(H) Total Cost Per Year	
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system). test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system.	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours)	nd Reporting (B) Number of Occurrences Per Respondent Per Year	Process Oper Emissions Testing Cost Per Occurrence	ations (C) Hours Per Respondent Per Year (C=AxB)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year @\$55.34 (CxD)	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05)	Hours Per Year @\$35.64 (Ex0.1) 82	(H) Total Cost Per Year	
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Pro- # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information	ccordkeeping a duction Source (A) Hours Per Occurrence (Technical hours)	Category (B) Number of Occurrences Per Respondent Per Year 12 d in 3.B	Process Oper Emissions Testing Cost Per Occurrence	ations (C) Hours Per Respondent Per Year (C=AxB)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year @\$55.34 (CxD)	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05)	Hours Per Year @\$35.64 (Ex0.1) 82	(H) Total Cost Per Year \$309,273	
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Produce the Pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours)	Category (B) Number of Occurrences Per Respondent Per Year 12 d in 3.B	Process Oper Emissions Testing Cost Per Occurrence	ations (C) Hours Per Respondent Per Year (C=AxB)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year @\$55.34 (CxD)	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05)	Hours Per Year @\$35.64 (Ex0.1) 82	(H) Total Cost Per Year \$309,273	
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information Report Preparation	duction Source (A) Hours Per Occurrence (Technical hours) Include	Category (B) Number of Occurrences Per Respondent Per Year 12 d in 3.B d in 3.B	Process Oper Emissions Testing Cost Per Occurrence \$2,500	ations (C) Hours Per Respondent Per Year (C=AxB) 48	(D) Number of Respondents Per Year (a	(E) Technical Hours) Per Year @\$55.34 (CxD) 824	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05)	Hours Per Year @\$35.64 (Ex0.1) 82	(H) Total Cost Per Year \$309,273	
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Produce the Pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information	ccordkeeping a duction Source (A) Hours Per Occurrence (Technical hours)	Category (B) Number of Occurrences Per Respondent Per Year 12 d in 3.B d in 3.B	Process Oper Emissions Testing Cost Per Occurrence	ations (C) Hours Per Respondent Per Year (C=AxB) 48	(D) Number of Respondents Per Year (a	(E) Technical Hours) Per Year @\$55.34 (CxD) 824	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05)	Hours Per Year @\$35.64 (Ex0.1) 82	(H) Total Cost Per Year \$309,273	<45 day
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information Report Preparation	duction Source (A) Hours Per Occurrence (Technical hours) Include	Category (B) Number of Occurrences Per Respondent Per Year 12 d in 3.B d in 3.B	Process Oper Emissions Testing Cost Per Occurrence \$2,500	ations (C) Hours Per Respondent Per Year (C=AxB) 48	(D) Number of Respondents Per Year (a	(E) Technical Hours) Per Year @\$55.34 (CxD) 824	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05)	Hours Per Year @\$35.64 (Ex0.1) 82	(H) Total Cost Per Year \$309,273	<45 day
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Production # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system). test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information Report Preparation Initial Notification Report	duction Source (A) Hours Per Occurrence (Technical hours) Include Include	Category (B) Number of Occurrences Per Respondent Per Year 12 d in 3.B d in 3.B	Process Oper Emissions Testing Cost Per Occurrence \$2,500	ations (C) Hours Per Respondent Per Year (C=AxB) 8	(D) Number of Respondents Per Year (a) 103 o 155 d	(E) Technical Hours) Per Year (\$\circ\$55.34 (CxD) 7,44((F) Managemen t Hours Per Year @\$78.54 (Ex0.05)	Hours Per Year @\$35.64 (Ex0.1) 82	(H) Total Cost Per Year \$309,273	<45 day after promul.
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information Report Preparation Initial Notification Report Notification of compliance status	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours) Include Include	Category (B) Number of Occurrences Per Respondent Per Year 12 d in 3.B d in 3.B	Process Oper Emissions Testing Cost Per Occurrence \$2,500	ations (C) Hours Per Respondent Per Year (C=AxB) 8 48	(D) Number of Respondents Per Year (a) 103 o 155 d 0 cc	(E) Technical Hours Per Year @\$55.34 (CxD) 7,44((F) Managemen t Hours Per Year @\$78.54 (Ex0.05) 41 41 (Cx0.05)	Clerical Hours Per Year @\$35.64 (Ex0.1) 82 2 744	(H) Total Cost Per Year \$309,273	<45 day after promul.
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Pro- # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information Report Preparation Initial Notification Report Notification of compliance status Initial Compliance Strategy Report	duction Source (A) Hours Per Occurrence (Technical hours) Include Include	Category (B) Number of Occurrences Per Respondent Per Year 112 d in 3.B d in 3.B	Process Oper Emissions Testing Cost Per Occurrence \$2,500	ations (C) Hours Per Respondent Per Year (C=AxB) 8 48	(D) Number of Respondents Per Year (a) 103 o 155 d 0 cc	(E) Technical Hours Per Year @ \$55.34 (CxD) 824 7,440	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05) 41 372	Hours Per Year @\$35.64 (Ex0.1) 82 744	(H) Total Cost Per Year \$309,273 \$467,463	<45 day after promul.
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Production of the NESHAP for the Pulp and Paper Production of the NESHAP for the Pulp and Paper Production of the NESHAP for the Pulp and Paper Production of the NESHAP for the Pulp and Paper Production of the Neshap for th	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours) Include Include Include 10 40	nd Reporting Category (B) Number of Occurrences Per Respondent Per Year 12 d in 3.B d in 3.B	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0	ations (C) Hours Per Respondent (C=AxB) 8 48 16 16 16 16 16	(D) Number of Respondents Per Year (a) 103 o 155 d 0 cc 0 c c 0 c c 3 1 p	(E) Technical Hours) Per Year (\$\infty\$55.34 (CxD) 7,44((F) Managemen t Hours Per Year @\$78.54 (Ex0.05) 41) 372	Clerical Hours Per Year @\$35.64 (Ex0.1) 82 744	(H) Total Cost Per Year \$309,273 \$467,463	<45 day after promul.
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information Gather Information Initial Notification Report Notification of compliance status Initial Compliance Strategy Report Compliance Strategy Report Update Semi-annual summary report	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours) Include Inclu	Category (B) Number of Occurrences Per Respondent Per Year 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	ations (C) Hours Per Respondent Per Year (C=AxB) 8 48 16 16 40 16 323	(D) Number of Respondents Per Year (a) 103 o 155 d 0 cc 0 cc 0 cc 0 cc 1152 d	(E) Technical Hours Per Year @\$55.34 (CxD) 7.44((F) Managemen t Hours Per Year @\$78.54 (Ex0.05) 372	Clerical Hours Per Year @\$35.64 (Ex0.1)	(H) Total Cost Per Year \$309,273 \$467,463 \$(S) \$(S) \$(S) \$(31,164) \$332,7,164	<45 day after promul.
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the Pulp and Paper Profess	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours) Include Include Include 10 40	Category (B) Number of Occurrences Per Respondent Per Year 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	ations (C) Hours Per Respondent Per Year (C=AxB) 8 48 16 16 40 16 32 48	(D) Number of Respondents Per Year (a) 103 o 155 d 0 cc 0 0 cc 0 0 cc 1 162 d 24 q	(E) Technical Hours Per Year @\$55.34 (CxD) 7,44((F) Managemen t Hours Per Year @\$78.54 (Ex0.05) 41 372	Hours Per Year @ \$35.64 (Ex0.1) 82 744 0 0 0 0 0 0 0 50 0 518	(H) Total Cost Per Year \$309,273 \$467,463 \$6 \$6 \$6 \$31,164 \$325,716 \$72,381	<45 day after promul.
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information Gather Information Initial Notification Report Notification of compliance status Initial Compliance Strategy Report Compliance Strategy Report Update Semi-annual summary report	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours) Include Inclu	Category (B) Number of Occurrences Per Respondent Per Year 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	ations (C) Hours Per Respondent Per Year (C=AxB) 8 48 16 16 40 16 32 48	(D) Number of Respondents Per Year (a) 103 o 155 d 0 cc 0 cc 0 cc 0 cc 1152 d	(E) Technical Hours Per Year @\$55.34 (CxD) 7,44((F) Managemen t Hours Per Year @\$78.54 (Ex0.05) 41 372	Clerical Hours Per Year @\$35.64 (Ex0.1)	(H) Total Cost Per Year \$309,273 \$467,463 \$6 \$6 \$6 \$31,164 \$325,716 \$72,381	<45 day after promul.
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Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the Pulp and Paper Profess	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours) Include Inclu	Category (B) Number of Occurrences Per Respondent Per Year 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	ations (C) Hours Per Respondent Per Year (C=AxB) 48 16 16 40 166 32 48	(D) Number of Respondents Per Year (a) 103 o 155 d 0 cc 0 0 cc 0 0 cc 1 162 d 24 q	(E) Technical Hours Per Year @\$55.34 (CxD) 7,44(1	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05)) 372	Hours Per Year @ \$35.64 (Ex0.1) 82 744 0 0 0 0 0 0 0 50 0 518	(H) Total Cost Per Year \$309,273 \$467,463 \$6 \$6 \$6 \$31,164 \$325,716 \$72,381 \$7,037	<45 day after promul. >75 day before tes >180day
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Pro- # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent, wastewater ronveyance system. Create Information Gather Information Report Preparation Initial Notification Report Notification of compliance status Initial Compliance Strategy Report Compliance Strategy Report Update Semi-annual summary report Continuous monitoring/Exceedance reports Notification of construction/reconstruction	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours) Include Inclu	Category (B) Number of Occurrences Per Respondent Per Year 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	ations (C) Hours Per Respondent Per Year (C=AXB) 8 48 48 16 16 40 16 32 48 4	(D) Number of Respondents Per Year (a) 103 o 0 cc 0 cc 31 p 162 d 24 q 28 c:	(E) Technical Hours Per Year @ \$55.34 (CxD) 7,44((F) Managemen t Hours Per Year @\$78.54 (Ex0.05) 41 372 (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	Hours Per Year @ \$35.64 (Ex0.1) 82 744 0 0 0 0 0 0 0 50 0 518	(H) Total Cost Per Year \$309,273 \$467,463 \$6 \$6 \$6 \$31,164 \$325,716 \$72,381 \$7,037	<45 day after promul. >75 day before tes >180day >180day
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Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the Neshap for the Pulp and Paper Profession of the Neshap for the Pulp and Paper Profession of the Neshap for the Pulp and Paper Profession of the Neshap for the Pulp and Paper Profession of the Neshap for the Pulp and Paper Profession of the Neshap for the Pulp and Paper Profession of the Neshap for the Pulp and Paper Profession of the Neshap for the N	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours) Include Inclu	Category (B) Number of Occurrences Per Respondent Per Year 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	ations (C) Hours Per Respondent Per Year (C=AxB) 8 48 16 16 40 16 323 48 4	(D) Number of Respondents Per Year (a 103 o 0 cc 0 cc 31 p 162 d 24 q 28 cc 23 cc	(E) Technical Hours Per Year @\$55.34 (CxD) 7,44(11 ((F) Managemen t Hours Per Year @\$78.54 (Ex0.05) 41 41 0 (Cx0.05) 0	Clerical Hours Per Year @\$35.64 (Ex0.1) 82 744	(H) Total Cost Per Year \$309,273 \$467,463 \$(6) \$(6) \$(72,381) \$7,037 \$5,780	<45 day after promul. >75 day before tes >180day beforeka>30 day befor
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CCDE	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the NESHAP for the Pulp and Paper Profession of the Neshap for the Neshap	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours) Include Inclu	Category (B) Number of Occurrences Per Respondent Per Year 12 d in 3.B d in 3.B	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	ations (C) Hours Per Respondent Per Year (C=AxB) 8 48 16 16 40 16 323 48 4	(D) Number of Respondents Per Year (a 103 o 0 cc 0 cc 31 p 162 d 24 q 28 cc 23 cc	(E) Technical Hours Per Year @\$55.34 (CxD) 7,44(11 ((F) Managemen t Hours Per Year @\$78.54 (Ex0.05) 41 41 0 (Cx0.05) 0	Clerical Hours Per Year @\$35.64 (Ex0.1) 82 744	(H) Total Cost Per Year \$309,273 \$467,463 \$(6) \$(6) \$(72,381) \$7,037 \$5,780	<45 day after promul. >75 day before tes >180day beforehar <60&>30 day befor
Requi	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Profit the Pulping lines # bleaching lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information Initial Notification Report Notification of compliance status Initial Compliance Strategy Report Compliance Strategy Report Continuous monitoring/Exceedance reports Notification of performance test Notification of construction/reconstruction Notification of actual startup Notification of actual startup cordkeeping Requirements	Include Includ	nd Reporting Category (B) Number of Occurrences Per Respondent Per Year 1 1 1 1 1 1	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	ations (C) Hours Per Respondent Per Year (C=AxB) 8 48 16 16 40 16 323 48 4	(D) Number of Respondents Per Year (a 103 o 0 cc 0 cc 31 p 162 d 24 q 28 cc 23 cc	(E) Technical Hours Per Year @\$55.34 (CxD) 7,44(11 ((F) Managemen t Hours Per Year @\$78.54 (Ex0.05) 41 41 0 (Cx0.05) 0	Clerical Hours Per Year @\$35.64 (Ex0.1) 82 744	(H) Total Cost Per Year \$309,273 \$467,463 \$(6) \$(6) \$(72,381) \$7,037 \$5,780	<45 day after promul. >75 day before tes >180day before\ablasses <60&>30 day befor <150 day after
4. Re A	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system). test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information Report Preparation Initial Notification Report Notification of compliance status Initial Compliance Strategy Report Compliance Strategy Report Update Semi-annual summary report Continuous monitoring/Exceedance reports Notification of performance test Notification of construction/reconstruction Notification of anticipated startup Notification of actual startup cordkeeping Requirements Read Instructions	Include	Category (B) Number of Occurrences Per Respondent Per Year 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	ations (C) Hours Per Respondent Per Year (C=AxB) 8 48 16 16 40 16 323 48 4	(D) Number of Respondents Per Year (a 103 o 0 cc 0 cc 31 p 162 d 24 q 28 cc 23 cc	(E) Technical Hours Per Year @\$55.34 (CxD) 7,44(11 ((F) Managemen t Hours Per Year @\$78.54 (Ex0.05) 41 41 0 (Cx0.05) 0	Clerical Hours Per Year @\$35.64 (Ex0.1) 82 744	(H) Total Cost Per Year \$309,273 \$467,463 \$(6) \$(6) \$(72,381) \$7,037 \$5,780	<45 day after promul. >75 day before tes >180day before\ablasses <60&>30 day befor <150 day after
4. RA	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system). test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information Report Preparation Initial Notification Report Notification of compliance status Initial Compliance Strategy Report Compliance Strategy Report Update Semi-annual summary report Continuous monitoring/Exceedance reports Notification of performance test Notification of construction/reconstruction Notification of anticipated startup Notification of actual startup cordkeeping Requirements Read Instructions Plan Activities	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours) Include	Category (B) Number of Occurrences Per Respondent Per Year 12 d in 3.B 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	ations (C) Hours Per Respondent Per Year (C=AxB) 8 48 16 16 40 16 323 48 4	(D) Number of Respondents Per Year (a 103 o 0 cc 0 cc 31 p 162 d 24 q 28 cc 23 cc	(E) Technical Hours Per Year @\$55.34 (CxD) 7,44(11 ((F) Managemen t Hours Per Year @\$78.54 (Ex0.05) 41 41 0 (Cx0.05) 0	Clerical Hours Per Year @\$35.64 (Ex0.1) 82 744	(H) Total Cost Per Year \$309,273 \$467,463 \$(6) \$(6) \$(72,381) \$7,037 \$5,780	<45 day after promul. >75 day before tes >180day before\ablasses <60&>30 day befor <150 day after
4. Re A A B B C C	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Profit the Pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information Initial Notification Report Notification of compliance status Initial Compliance Strategy Report Compliance Strategy Report Compliance Strategy Report Continuous monitoring/Exceedance reports Notification of performance test Notification of anticipated startup Notification of actual startup cordkeeping Requirements Read Instructions Plan Activities Implement Activities	Include Include Include Include Include Include Include Include	nd Reporting Category (B) Number of Occurrences Per Respondent Per Year 12 d in 3.B d in 3.B	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	ations (C) Hours Per Respondent Per Year (C=AxB) 8 48 48 16 40 44 44 44	(D) Number of Respondents Per Year (a) 103 o 155 d 155 d 0 cc 0 cc 0 cc 1 31 p 162 d 24 q 28 cc 1 23 cc 23 cc	(E) Technical Hours Per Year @\$55.34 (CxD) 7.44(11 (12 (13 (14 (15 (15 (15 (15 (15 (15 (15 (15	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05) 41 41 0 (Cx0.05) 0	Clerical Hours Per Year @\$35.64 (Ex0.1) 82 744	(H) Total Cost Per Year \$309,273 \$467,463 \$(S) \$(S) \$(S) \$(S) \$(S) \$(S) \$(S) \$(S	<45 day after promul. >75 day before tes >180day beforehar <60&>30 day befor <150 day after startup
4. Reading and the second seco	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information Report Preparation Initial Notification Report Notification of compliance status Initial Compliance Strategy Report Compliance Strategy Report Update Semi-annual summary report Continuous monitoring/Exceedance reports Notification of performance test Notification of construction/reconstruction Notification of anticipated startup Notification of actual startup cordkeeping Requirements Read Instructions Plan Activities Implement Activities Develop Record System	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours) Include	nd Reporting Category (B) Number of Occurrences Per Respondent Per Year 12 d in 3.B d in 3.B	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	ations (C) Hours Per Respondent Per Year (C=AxB) 8 48 48 16 40 44 44 44	(D) Number of Respondents Per Year (a) 103 o 155 d 155 d 0 cc 0 cc 0 cc 1 31 p 162 d 24 q 28 cc 1 23 cc 23 cc	(E) Technical Hours Per Year @\$55.34 (CxD) 7.44(11 (12 (14 (15 (15 (15 (15 (15 (15 (15 (15	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05) 41 41 0 (Cx0.05) 0	Clerical Hours Per Year @\$35.64 (Ex0.1) 82 744	(H) Total Cost Per Year \$309,273 \$467,463 \$(6) \$(6) \$(72,381) \$7,037 \$5,780	<45 day after promul. >75 day before tes >180day beforehar <60&>30 day befor <150 day after startup
4. Re A A B B C C D D	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Report Preparation Initial Notification Report Notification of compliance status Initial Compliance Strategy Report Compliance Strategy Report Update Semi-annual summary report Continuous monitoring/Exceedance reports Notification of performance test Notification of anticipated startup Notification of actual startup cordkeeping Requirements Read Instructions Plan Activities Implement Activities Develop Record System Record information	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours) Include	Category (B) Number of Occurrences Per Respondent Per Year 12 d in 3.B d in 3.B	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	ations (C) Hours Per Respondent Per Year (C=AxB) 48 48 44 44 44 40 40	(D) Number of Respondents Per Year (a) 103 o 155 d 0 cc 0 cc 0 cg 31 p 162 d 24 g 28 cg 23 cg 23 cg	(E) Technical Hours Per Year @\$55.34 (CxD) 7,44(11 (6) 6 (7) 6 (8) 7,182 1,152 7 112 8 92 8 92 8 92	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05)) (C) (C) (C) (C) (C) (C) (C) (C) (C)	Clerical Hours Per Year @335.64 (Ex0.1) 82	(H) Total Cost Per Year \$309,273 \$467,463 \$6 \$6 \$7 \$31,164 \$325,716 \$72,381 \$7,037 \$5,786	<45 day after promul. >75 day before tes >180day befoæ>a30 day befor <150 day after startup
4. Reading and the second seco	2 (continued). Annual Respondent Burden and Cost of Rements of the NESHAP for the Pulp and Paper Prof # pulping lines # bleaching lines # mills total # mills with bleaching lines Burden Item Initial/Annual inspection (enclosures, closed vent, wastewater conveyance system)- test method 21 Monthly visual inspection of enclosures, closed vent system, and wastewater conveyance system. Create Information Gather Information Report Preparation Initial Notification Report Notification of compliance status Initial Compliance Strategy Report Compliance Strategy Report Update Semi-annual summary report Continuous monitoring/Exceedance reports Notification of performance test Notification of construction/reconstruction Notification of anticipated startup Notification of actual startup cordkeeping Requirements Read Instructions Plan Activities Implement Activities Develop Record System	cordkeeping a duction Source (A) Hours Per Occurrence (Technical hours) Include	Respondent Per Year I a d in 3.B d in 3.B d in 3.B d in 3.B	Process Oper Emissions Testing Cost Per Occurrence \$2,500 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	ations (C) Hours Per Respondent Per Year (C=AxB) 48 48 44 44 44 40 40	(D) Number of Respondents Per Year (a) 103 o 155 d 105 d 106 cc 107 cc 108 cc 109 cc	(E) Technical Hours Per Year @\$55.34 (CxD) 7,44(11 (6) 6 (7) 6 (8) 7,182 1,152 7 112 8 92 8 92 8 92	(F) Managemen t Hours Per Year @\$78.54 (Ex0.05)) (C) (C) (C) (C) (C) (C) (C) (C) (C)	Clerical Hours Per Year @335.64 (Ex0.1) 82	(H) Total Cost Per Year \$309,273 \$467,463 \$(S) \$(S) \$(S) \$(S) \$(S) \$(S) \$(S) \$(S	<45 day after promul. >75 day before tes >180day befoæ>a30 day befor <150 day after startup

						,							
-		tecord startups, shutdowns, and malfunctions	4	12	\$0	48	162	d	7,776	389	778	\$488,574	
		rsonnel Training me for audits	Not app		\$0	16	162	d	2,592	130	259	\$162,858	
О.		Total:			, 40	10	102	u	43,680	2,184			
	Ī									, -	,	11,7111	
		TOTAL INDUSTRY BURDEN SUMMARY:											
		Total Hours:	50,232										
	H	Total Cost:	\$3,128,838 \$1,042,946										
	H	Average Annual Cost (t):	\$1,042,940	1									
	H												
	T												
37.1	<u>L</u>												
vaiu	es :	are rounded											
MA	СТ	I Mills include kraft, sulfite, soda, and semi-chemical opera	tions, MACT	III Mills inc	lude mechan	ical. non-woo	od, and seco	nda	ry fiber ope	rations.			
	Ī	, , , , , , , , , , , , , , , , , , ,				,							
One	tir	ne activity. In out years, after initial compliance date, assun	ne that 5% of	mills affected	d as a result o	f unexplaine	d exceedance	es.					
		ned by all mills. (155 MACT I Category Mills, 338 Stand-al				L		L					
		e all MACT I category mills will be affected by this rule. A ble information estimates that only 2% of stand-alone MAC											
(Ava mpact		· · · · · · · · · · · · · · · · · · ·	ı in categor	y mms nave o	morme bleac	ming process	cs (2% OI 5	Jo =	, Aiter ini	uai compiiai	ice assessii	uciit 331 miiis ar	c not
		umber of mills affected by this rule is $155 + 7 = 162$											
1010		2. 11. 11. 11. 11. 11. 11. 11. 11. 11. 1											
Estir	na	ted that 66.7% of mills will use a recovery boiler, power boil	ler, or lime kil	n for control	of pulping ve	ents. There a	re 140 non-	sulfi	te pulping r	nills. (66.7%	of 140 = 9	3)	
		-								-			
Estin	nat	ed that 33.3% of mills will use incineration for pulping lines	(16.7% will p	rovide accep	table design	specs (24), ar	nd 16.7% w	ill co	nduct perfe	rmance test	s (24))		
				1.000			1041						
Estii	na	te includes test plan, test report, and parametric montioring ed costs for emissions testing of \$12,000 for method 308 and	setup. Metho	d 308 tests fo	or pulping lin	es and metho	od 26A tests	tor	bleaching li	nes.			
Assu	1116	ed costs for emissions testing of \$12,000 for method 508 and	1 36,300 101 11	letilou 20A									
1 Estin	na	te includes test plan, test report, and parametric monitoring	setun Metho	d 304 and 30)5 are for was	tewater strea	ms						
		ed costs for testing of \$9,500 for method 304, and \$14,000 f			os are for was	te water strea	1113.						
		, , , , , , , , , , , , , , , , , , , ,											
Assu	me	that all 14 sulfite pulping mills will conduct performance to	ests.										
		CT I category mills have bleaching lines. 90% will provide a											
		e 2 percent of stand-alone MACT III category mills have ble	aching lines (2% of 338=7). 90% will p	provide accep	table perfo	mai	ice specs of	previous te	st results (6	5)	
10% 1	VΙΙ	conduct performance tests (1).											
Estin	na	ted that each kraft mill has one pulping wastewater control of	levice. Of the	123 kraft mi	ills, 32 alread	v have steam	strippers in	use					
		he 32, all are assumed to conduct condensate segregation as								control			
and,	51	will install steam strippers. Facilities installing new steam s	trippers are as	sumed to pe	rform initial c	ondenstate s	egregation a	and j	performanc	e tests.			
Facil	ites	installing new biotreatment control will perform initial perf	formance tests	S.									
F .	L			1.005: :		. (22-1	6100 :::	_		# 50/ C:-			
Estin	ıat	ed that each kraft mill has one pulping wastewater control d	evice. Assun	ned 33% will	use biotreatn	nent. (33% o	1 123 = 40)	Per	rootnote "c	, 5 % of 40	= 2.		
n Acc	l nr	ne sulfite mills will monitor gas scrubber parameters and use	Water & Ma	del for emiss	ion estimator	l .							
		as service mins win monitor gas service parameters and use	., 4101-0 1410	GC1 101 CHHSS	.on commates								
Assı	ım	ed that 15% of performance tests are failed and need to be r	repeated.										
		•											
		and annual activity. Assumed that EPA is notified each year						pres	sure points	in their vent	systems		
and	wi	l have to test using method 21 ($2/3 \times 155 = 103$). Assumed	purchase of s	ervice cost fo	or method 21	test of \$2,50	0.						
	L	dest Office of all leads as the second of th	-P		F0/ - £ 100 1	A 21	- CC 1 1	6	:II-> :- ·		l 2005		
Ass	un	ne that 25% of all kraft mills are still required to submit com	phance strates	gy reports (25	5% of 123 kra	itt mills = 31	arrected kra	It m	ilis) in orde	r to comply	by 2006.		
Δεα	ım	ed that 15% of all affected mills during any one quarter will	he required to	n suhmit an a	vceedance =	nort in addit	ion to the a	ımr	ary report	(15% of 16	2 – 24)		
ASSI	4111	ca and 1570 of an arrected finits during any one quarter will	oc required to	submit all t	Accountite It	port iii audit	ion to the St		ary report.	(15/0 01 10.	2 – 2 4)		
EPA	m	oust be notified of all tests including repeat performance test	s. ((155 x .05	=8) 8 x 1.15	x 3 = 28) (se	e footnotes c	and q)						
								L					
Assu	ım	ed 15% of all affected mills conduct construction or reconst	ruction per ye	ear. (15% of	155 = 23)								
	L												
Total	cc	ost / 3											
-1	H												
+	H												
+	H												
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